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FILE 'BIOSIS, CAPLUS, EMBASE, MEDLINE, JAPIO' ENTERED AT 15:54:22 ON 08  
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DUPLICATE 3

AN 1997:112650 BIOSIS

DN PREV199799411853

TI DELTA-**IK17** antigen: A possible early marker of cancer development.

AU Perez, S. [Reprint author]; Sotiriadou, R.; Missitzis, G.; Trangas, T.; Giannoulis, N.; Mavroudeas, D.; Apostolikas, N.; Kokkinopoulos, D.

CS Dep. Immunol., Hellenic Anticancer Inst., 171 Alexandras Ave., 11522 Athens, Greece

SO International Journal of Biological Markers, (1996) Vol. 11, No. 4, pp. 190-197.

CODEN: IBMAEP. ISSN: 0393-6155.

DT Article

LA English

ED Entered STN: 10 Mar 1997

Last Updated on STN: 10 Mar 1997

AB DELTA-**IK17** is a 44 kD molecule located on the surface of T, B and NK cells in normal peripheral blood mononuclear cells (PBMC) (1). The portion of PBMC expressing DELTA-**IK17** was determined in 52 patients with benign breast diseases, 182 patients with breast malignancies and 132 healthy individuals. The percentage of DELTA-**IK17**-positive cells was significantly lower in the early stages (I-IIA) of malignancy compared to that of healthy donors. However, the percentage of PBMC expressing DELTA-**IK17** tended to increase as the stage of the disease advanced. DELTA-**IK17** seems to be the only antigen among the other cellular markers tested (CD2, CD4, CD8, HLA-DR) with a statistically significant correlation between a low percentage of positive cells and the early stages of malignancy and between a high expression and advanced disease. Its potential use as a tumor marker in breast cancer is discussed here.

CC Biochemistry studies - Proteins, peptides and amino acids 10064

Pathology - Diagnostic 12504

Neoplasms - Diagnostic methods 24001

IT Major Concepts

Oncology (Human Medicine, Medical Sciences)

IT Miscellaneous Descriptors

BIOCHEMISTRY AND BIOPHYSICS; CANCER; CANCER DEVELOPMENT EARLY MARKER;

DELTA-**IK17** ANTIGEN; NEOPLASTIC DISEASE; ONCOLOGY; PATIENT

ORGN Classifier

Hominidae 86215

Super Taxa

Primates; Mammalia; Vertebrata; Chordata; Animalia

Organism Name

human

Taxa Notes

Animals, Chordates, Humans, Mammals, Primates, Vertebrates

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